

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0021623\
 Data File : P0092496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2023 16:41
 Operator : YP/AJ
 Sample : 01552-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 20:58:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0012323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 04:40:59 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.450	3.647	48725991	25364476	16.832	18.064
2)	SA Decachlor...	10.372	8.686	48927008	22476980	23.706	19.910
Target Compounds							
3)	L1 AR-1016-1	5.639	0.000	825767	0	9.029	N.D. #
4)	L1 AR-1016-2	5.639	0.000	825767	0	6.167	N.D. #
5)	L1 AR-1016-3	0.000	4.941	0	728444	N.D.	20.604 #
6)	L1 AR-1016-4	5.863f	4.941	1919346	728444	28.791	23.417
7)	L1 AR-1016-5	6.119	5.174	6312614	539395	87.858	13.564 #
8)	L2 AR-1221-1	0.000	3.946f	0	1674734	N.D.	88.467 #
9)	L2 AR-1221-2	0.000	3.946	0	1674734	N.D.	119.164 #
10)	L2 AR-1221-3	0.000	4.078f	0	1789088	N.D.	42.724 #
11)	L3 AR-1232-1	0.000	4.078f	0	1789088	N.D.	50.863 #
12)	L3 AR-1232-2	5.342	0.000	15366313	0	439.806	N.D. #
13)	L3 AR-1232-3	5.639	4.941	825767	728444	13.488	45.246 #
14)	L3 AR-1232-4	5.863f	5.038	1919346	762062	64.041	46.657 #
15)	L3 AR-1232-5	5.917	5.174	1363645	539395	55.176	30.156 #
16)	L4 AR-1242-1	5.639	0.000	825767	0	10.588	N.D. #
17)	L4 AR-1242-2	5.639	0.000	825767	0	7.336	N.D. #
18)	L4 AR-1242-3	0.000	4.941	0	728444	N.D.	25.012 #
19)	L4 AR-1242-4	5.863f	5.038	1919346	762062	34.661	23.692 #
20)	L4 AR-1242-5	6.511f	5.541	554577	2544536	9.935	70.288 #
21)	L5 AR-1248-1	5.639	0.000	825767	0	14.226	N.D. #
22)	L5 AR-1248-2	5.917	4.941	1363645	728444	14.922	16.146
23)	L5 AR-1248-3	6.119	5.038	6312614	762062	64.366	16.339 #
24)	L5 AR-1248-4	6.511	5.174	554577	539395	5.664	10.039 #
25)	L5 AR-1248-5	6.511f	5.541f	554577	2544536	5.882	53.748 #
26)	L6 AR-1254-1	6.511	5.541	554577	2544536	5.009	32.460 #
27)	L6 AR-1254-2	6.730	5.686	9412677	1520816	57.905	21.980 #
28)	L6 AR-1254-3	7.115	6.110	12486351	6475264	75.707	60.667
29)	L6 AR-1254-4	0.000	6.320	0	549225	N.D.	9.326 #
30)	L6 AR-1254-5	7.823	6.740	3006907	2208489	21.371	24.265
31)	L7 AR-1260-1	7.272	6.222	5613455	2484547	42.605	32.891
32)	L7 AR-1260-2	7.525	6.422	23661995	2216397	159.569	25.297 #
33)	L7 AR-1260-3	7.905	6.567	2593613	1087864	22.899	12.549 #
34)	L7 AR-1260-4	8.136	7.040	2425631	1084583	19.567	16.196
35)	L7 AR-1260-5	8.469	7.283	4755251	2634788	21.415	18.516
36)	L8 AR-1262-1	7.823	6.740	3006907	2208489	27.829	47.587 #
37)	L8 AR-1262-2	8.469	7.283	4755251	2634788	19.920	17.858
38)	L8 AR-1262-3	8.798	7.570	4350147	1431135	25.734	22.899
39)	L8 AR-1262-4	8.888	7.633	4180179	2387774	41.089	21.794 #
40)	L8 AR-1262-5	9.577	8.132	1667055	906388	18.641	17.591
41)	L9 AR-1268-1	8.798	7.570	4350147	1431135	13.751	7.865 #

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 Sample : 01552-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

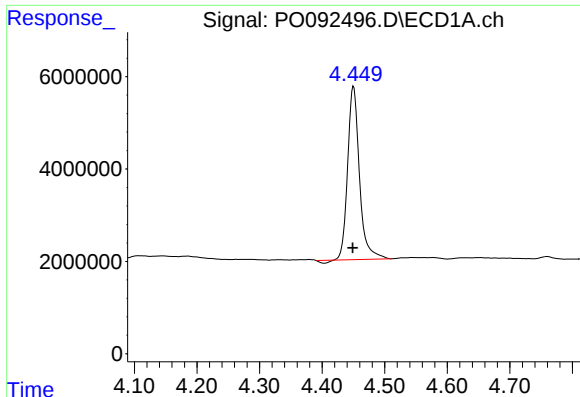
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 20:58:03 2023
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.888	7.633	4180179	2387774	13.849	14.429
43) L9	AR-1268-3	9.131	7.840	2079917	1647448	8.217	11.094 #
44) L9	AR-1268-4	9.577	8.132	1667055	906388	15.950	14.439
45) L9	AR-1268-5	10.015	8.426	7160353	2980452	9.048	7.042

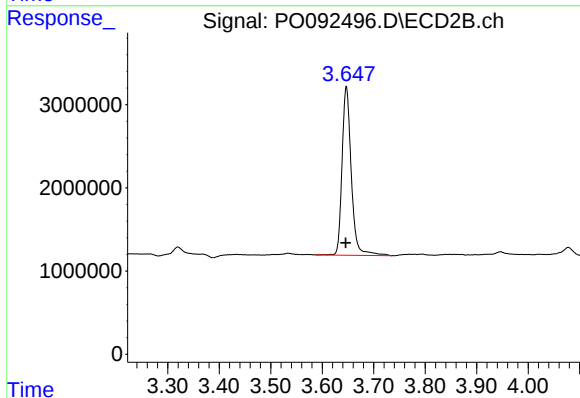
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

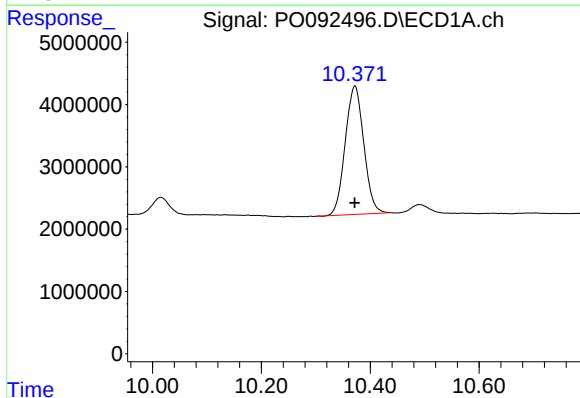
R.T.: 4.450 min
Delta R.T.: 0.001 min
Response: 48725991
Conc: 16.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



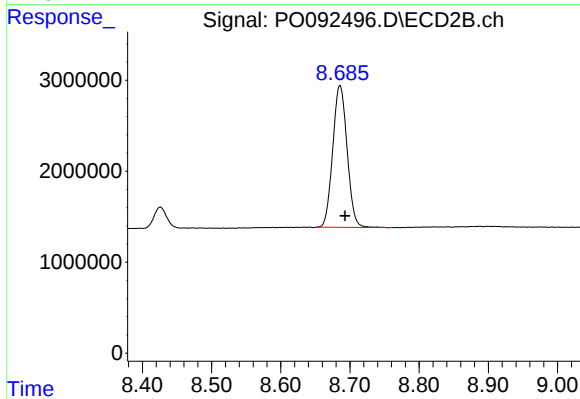
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: 0.000 min
Response: 25364476
Conc: 18.06 ng/ml



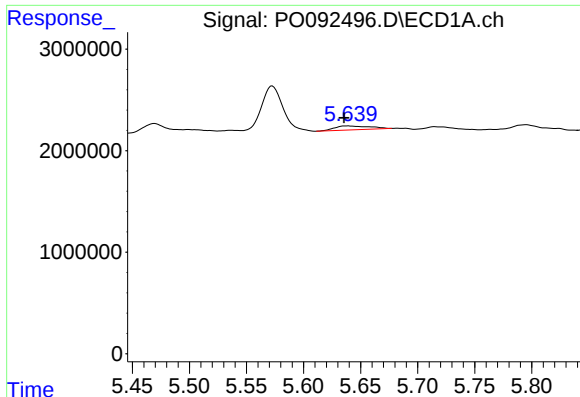
#2 Decachlorobiphenyl

R.T.: 10.372 min
Delta R.T.: 0.000 min
Response: 48927008
Conc: 23.71 ng/ml



#2 Decachlorobiphenyl

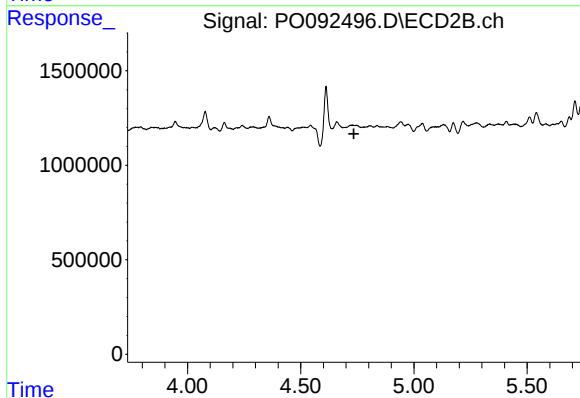
R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 22476980
Conc: 19.91 ng/ml



#3 AR-1016-1

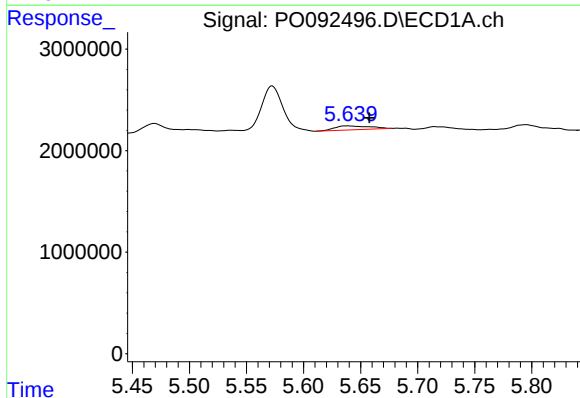
R.T.: 5.639 min
Delta R.T.: 0.004 min
Response: 825767
Conc: 9.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



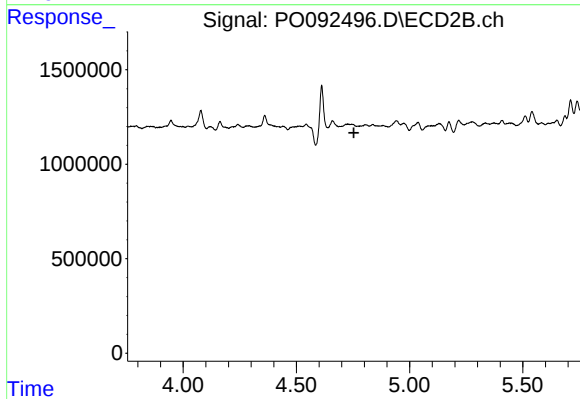
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.735 min
Response: 0
Conc: N.D.



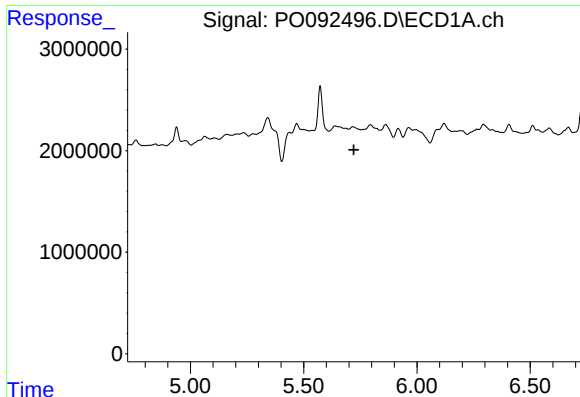
#4 AR-1016-2

R.T.: 5.639 min
Delta R.T.: -0.018 min
Response: 825767
Conc: 6.17 ng/ml



#4 AR-1016-2

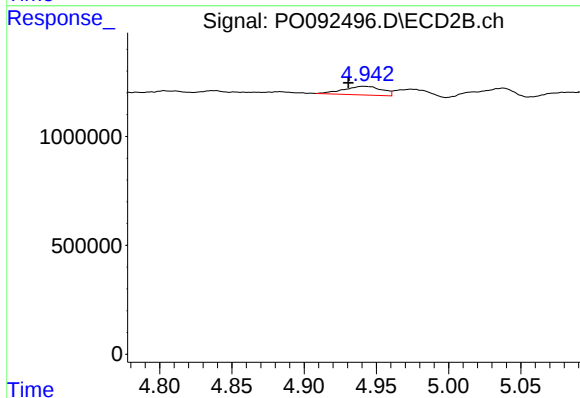
R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



#5 AR-1016-3

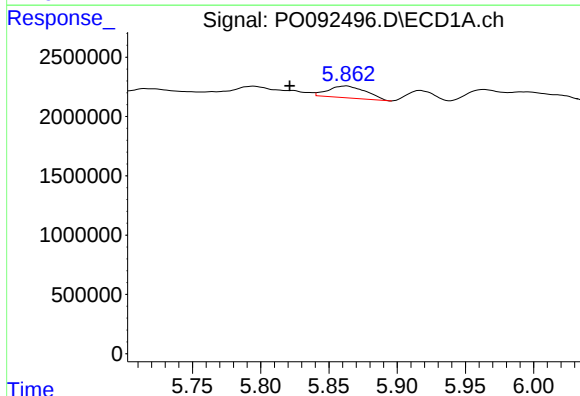
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



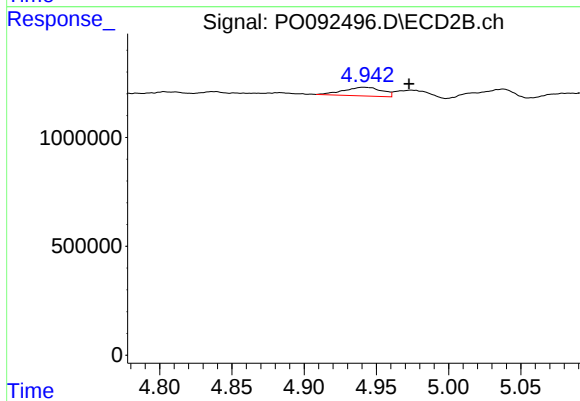
#5 AR-1016-3

R.T.: 4.941 min
Delta R.T.: 0.011 min
Response: 728444
Conc: 20.60 ng/ml



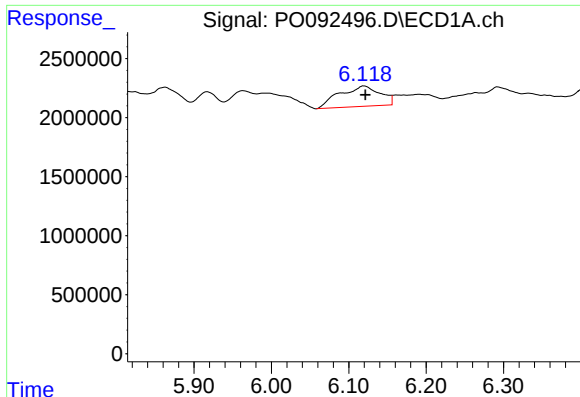
#6 AR-1016-4

R.T.: 5.863 min
Delta R.T.: 0.041 min
Response: 1919346
Conc: 28.79 ng/ml



#6 AR-1016-4

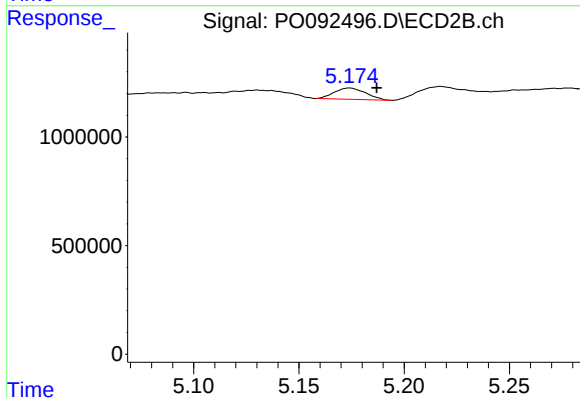
R.T.: 4.941 min
Delta R.T.: -0.031 min
Response: 728444
Conc: 23.42 ng/ml



#7 AR-1016-5

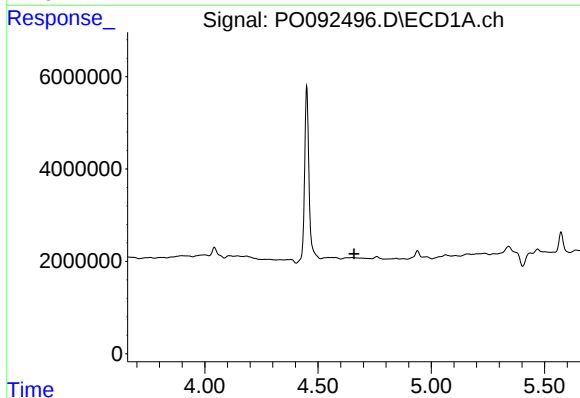
R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 6312614
Conc: 87.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



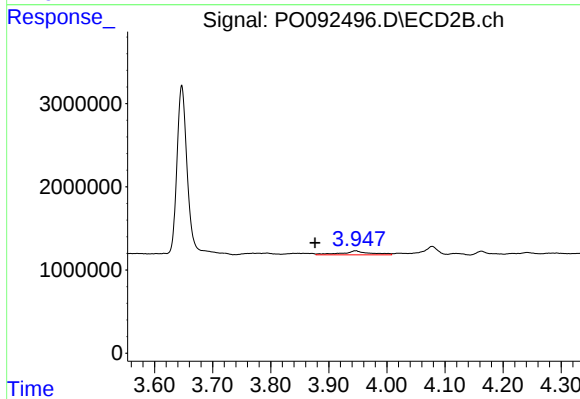
#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: -0.013 min
Response: 539395
Conc: 13.56 ng/ml



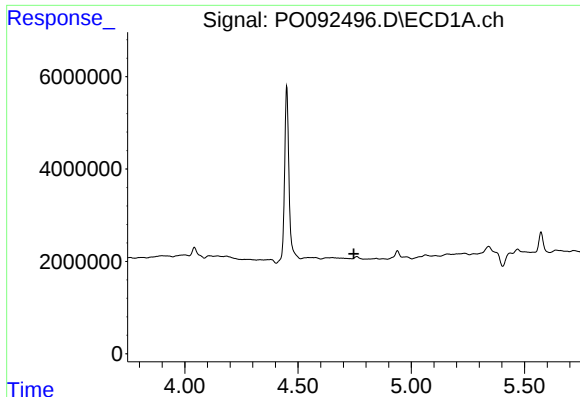
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.659 min
Response: 0
Conc: N.D.



#8 AR-1221-1

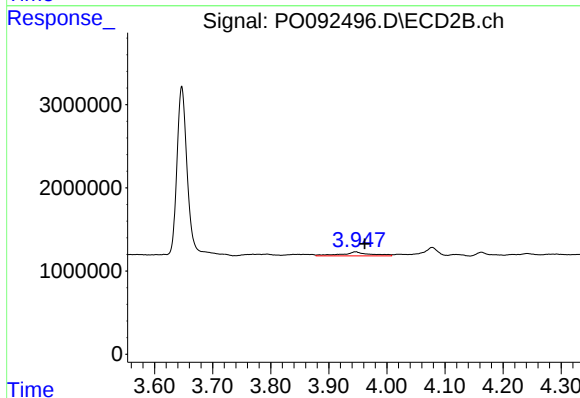
R.T.: 3.946 min
Delta R.T.: 0.070 min
Response: 1674734
Conc: 88.47 ng/ml



#9 AR-1221-2

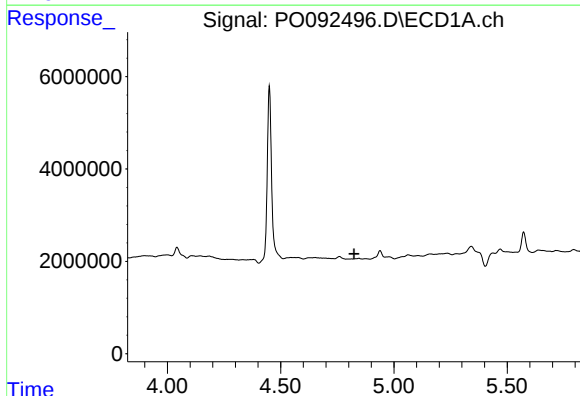
R.T.: 0.000 min
Exp R.T. : 4.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



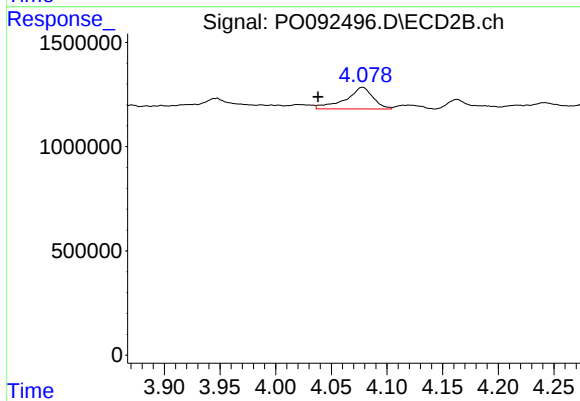
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: -0.015 min
Response: 1674734
Conc: 119.16 ng/ml



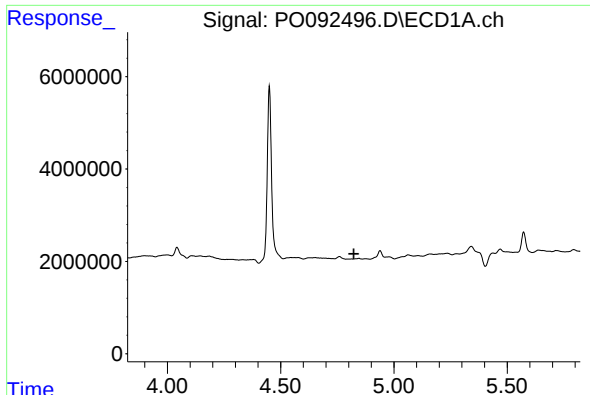
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.824 min
Response: 0
Conc: N.D.



#10 AR-1221-3

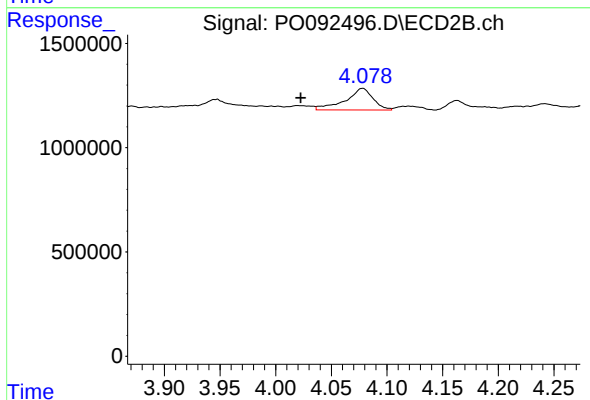
R.T.: 4.078 min
Delta R.T.: 0.040 min
Response: 1789088
Conc: 42.72 ng/ml



#11 AR-1232-1

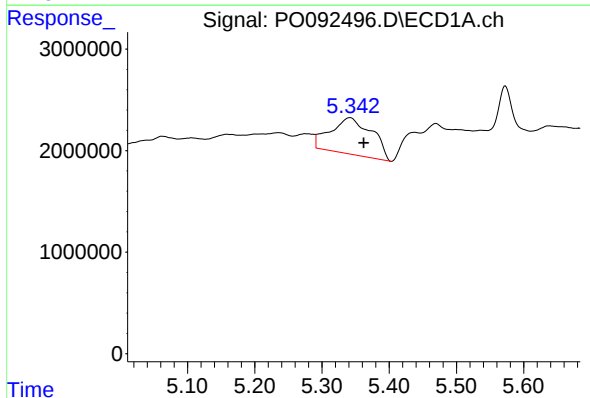
R.T.: 0.000 min
Exp R.T.: 4.824 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



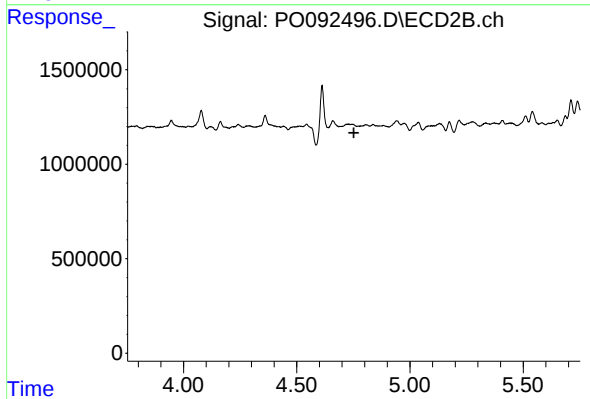
#11 AR-1232-1

R.T.: 4.078 min
Delta R.T.: 0.056 min
Response: 1789088
Conc: 50.86 ng/ml



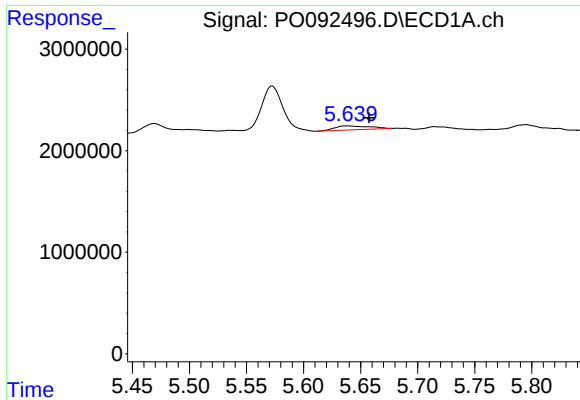
#12 AR-1232-2

R.T.: 5.342 min
Delta R.T.: -0.021 min
Response: 15366313
Conc: 439.81 ng/ml



#12 AR-1232-2

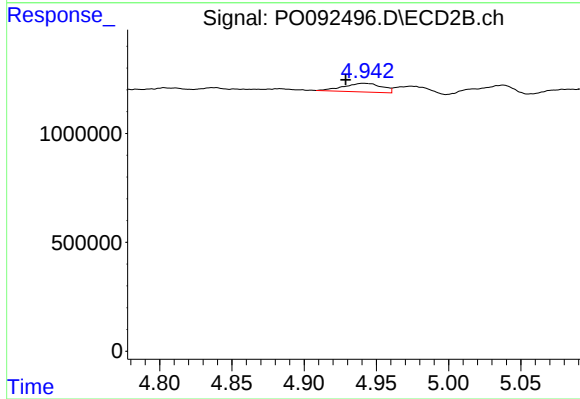
R.T.: 0.000 min
Exp R.T.: 4.753 min
Response: 0
Conc: N.D.



#13 AR-1232-3

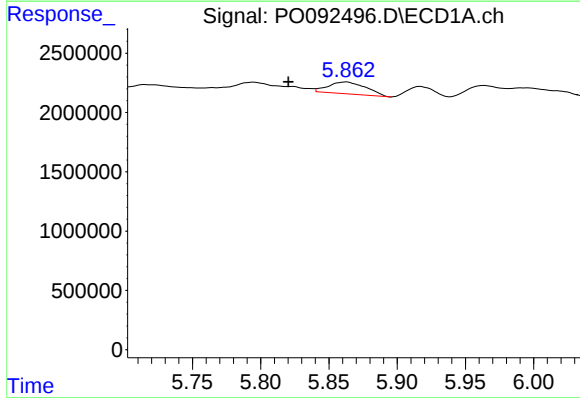
R.T.: 5.639 min
Delta R.T.: -0.018 min
Response: 825767
Conc: 13.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



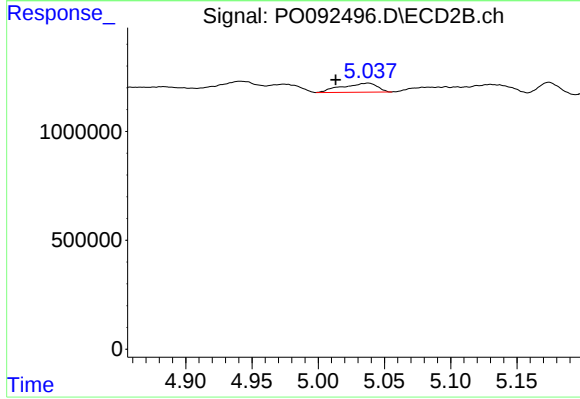
#13 AR-1232-3

R.T.: 4.941 min
Delta R.T.: 0.013 min
Response: 728444
Conc: 45.25 ng/ml



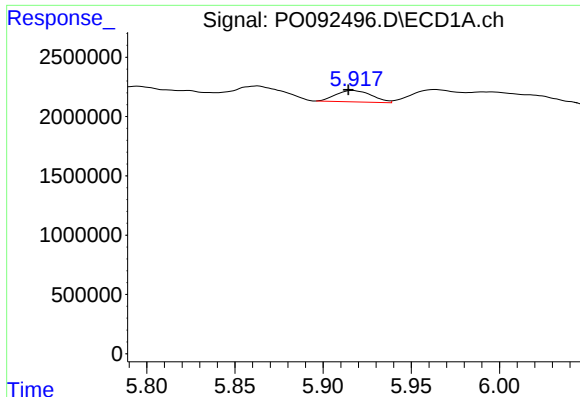
#14 AR-1232-4

R.T.: 5.863 min
Delta R.T.: 0.043 min
Response: 1919346
Conc: 64.04 ng/ml



#14 AR-1232-4

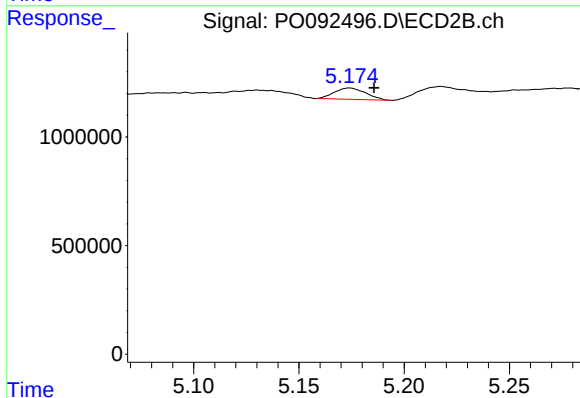
R.T.: 5.038 min
Delta R.T.: 0.025 min
Response: 762062
Conc: 46.66 ng/ml



#15 AR-1232-5

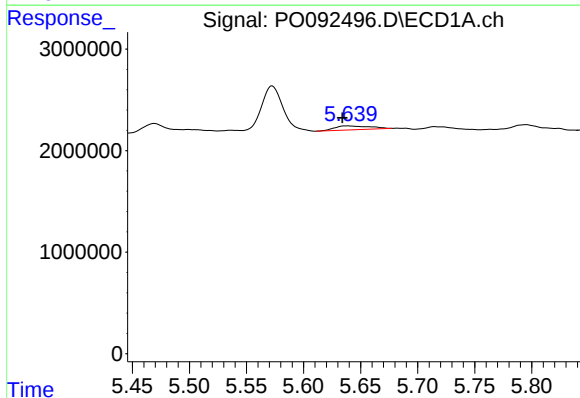
R.T.: 5.917 min
Delta R.T.: 0.002 min
Response: 1363645
Conc: 55.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



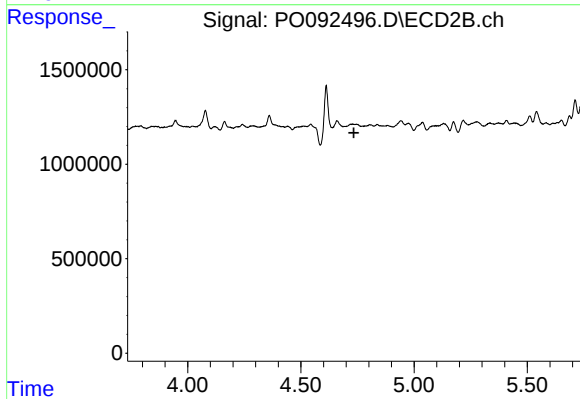
#15 AR-1232-5

R.T.: 5.174 min
Delta R.T.: -0.012 min
Response: 539395
Conc: 30.16 ng/ml



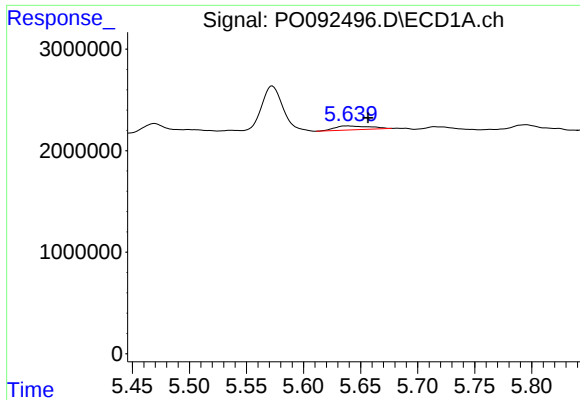
#16 AR-1242-1

R.T.: 5.639 min
Delta R.T.: 0.005 min
Response: 825767
Conc: 10.59 ng/ml



#16 AR-1242-1

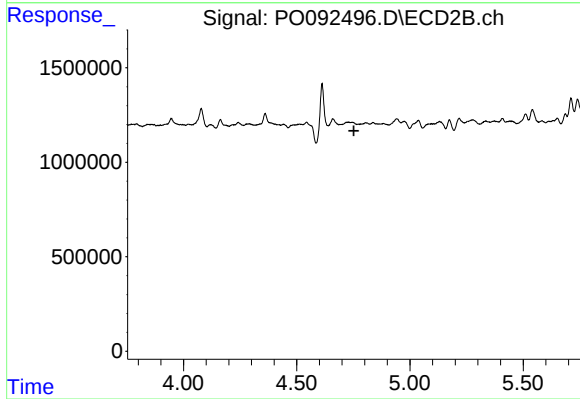
R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#17 AR-1242-2

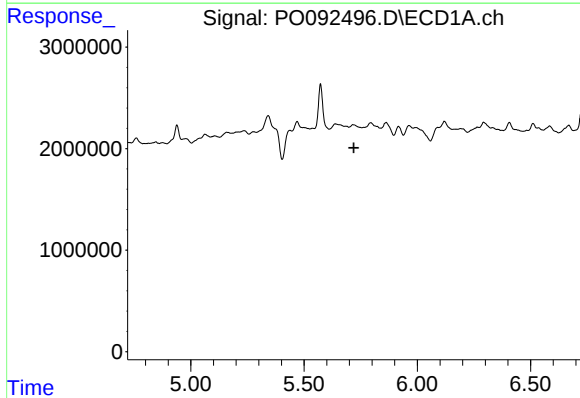
R.T.: 5.639 min
Delta R.T.: -0.017 min
Response: 825767
Conc: 7.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



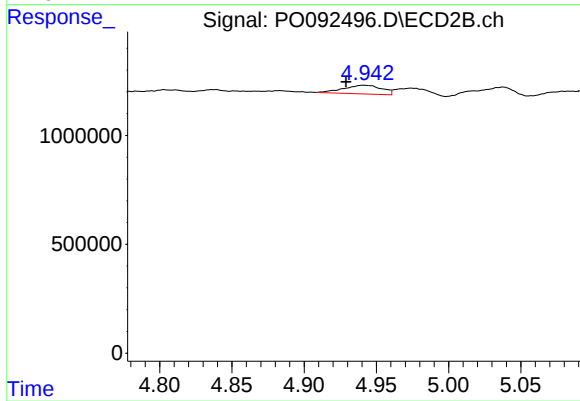
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



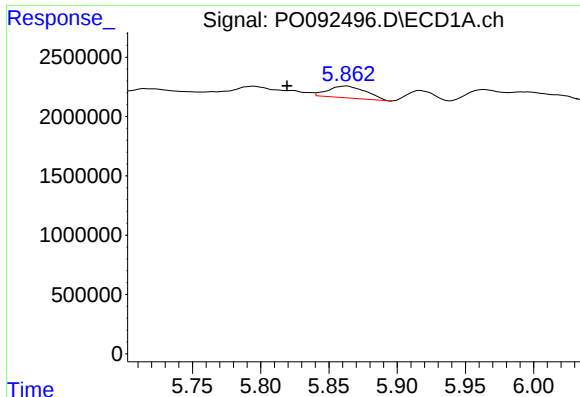
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.720 min
Response: 0
Conc: N.D.



#18 AR-1242-3

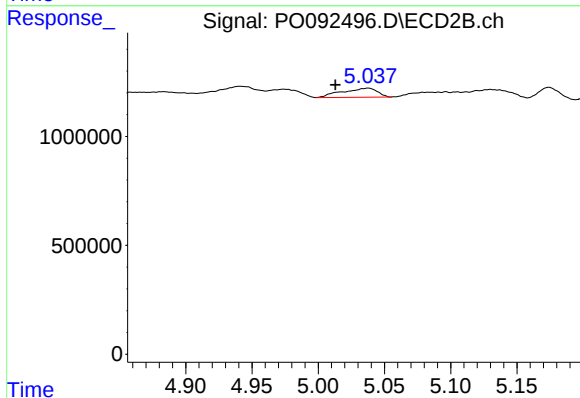
R.T.: 4.941 min
Delta R.T.: 0.012 min
Response: 728444
Conc: 25.01 ng/ml



#19 AR-1242-4

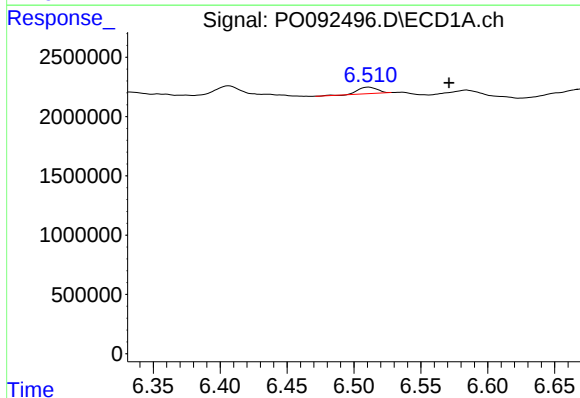
R.T.: 5.863 min
Delta R.T.: 0.043 min
Response: 1919346
Conc: 34.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



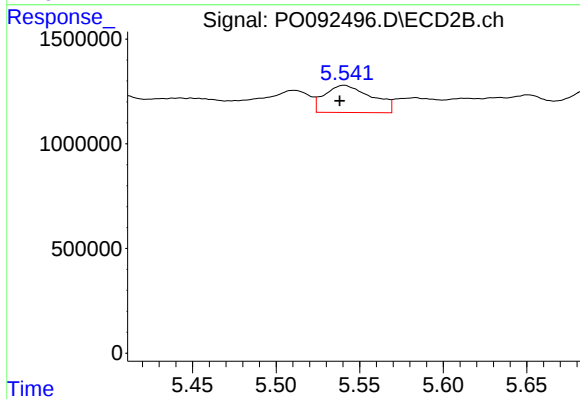
#19 AR-1242-4

R.T.: 5.038 min
Delta R.T.: 0.025 min
Response: 762062
Conc: 23.69 ng/ml



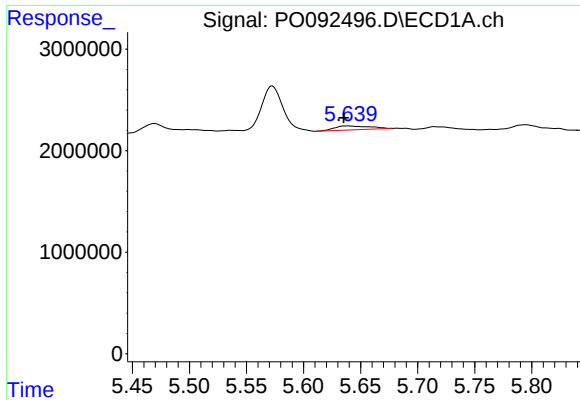
#20 AR-1242-5

R.T.: 6.511 min
Delta R.T.: -0.060 min
Response: 554577
Conc: 9.93 ng/ml



#20 AR-1242-5

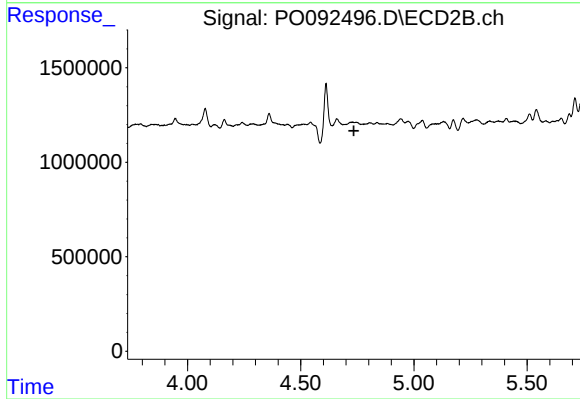
R.T.: 5.541 min
Delta R.T.: 0.002 min
Response: 2544536
Conc: 70.29 ng/ml



#21 AR-1248-1

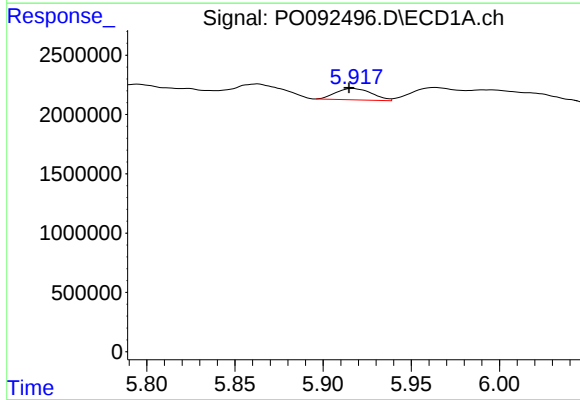
R.T.: 5.639 min
Delta R.T.: 0.004 min
Response: 825767
Conc: 14.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



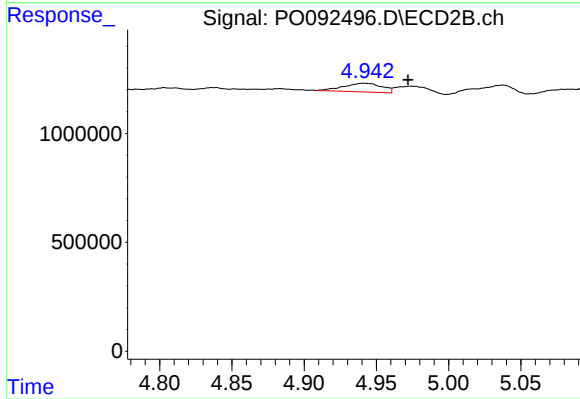
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



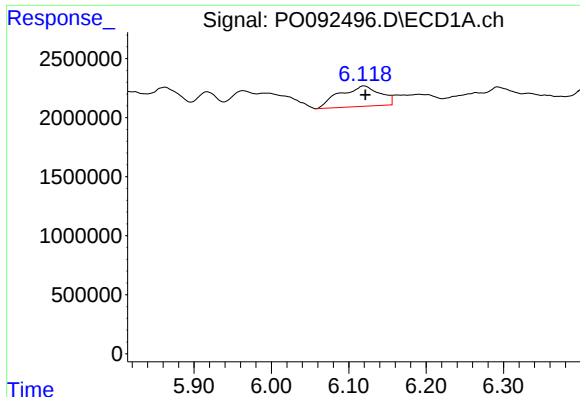
#22 AR-1248-2

R.T.: 5.917 min
Delta R.T.: 0.002 min
Response: 1363645
Conc: 14.92 ng/ml



#22 AR-1248-2

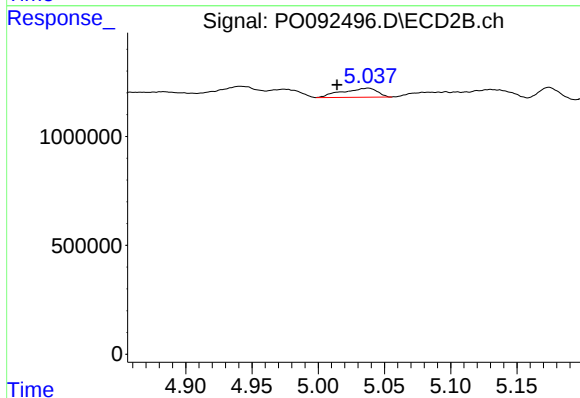
R.T.: 4.941 min
Delta R.T.: -0.030 min
Response: 728444
Conc: 16.15 ng/ml



#23 AR-1248-3

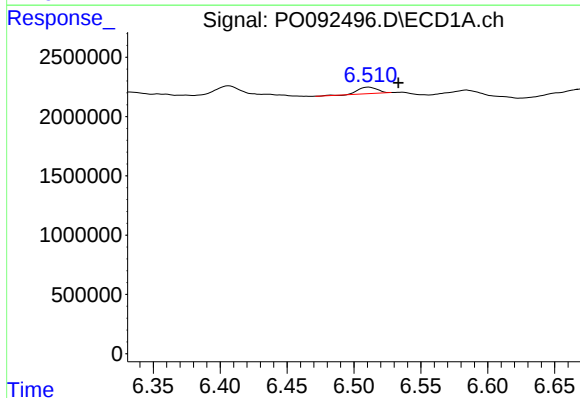
R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 6312614
Conc: 64.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



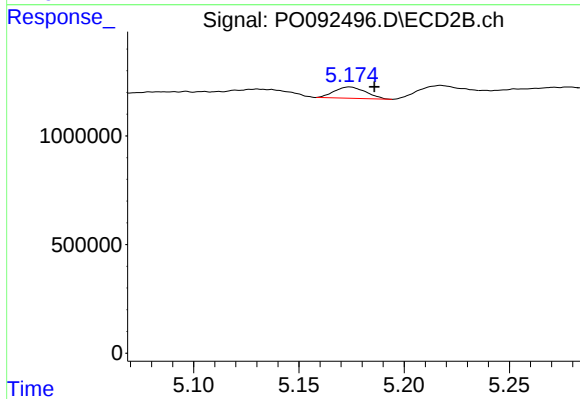
#23 AR-1248-3

R.T.: 5.038 min
Delta R.T.: 0.024 min
Response: 762062
Conc: 16.34 ng/ml



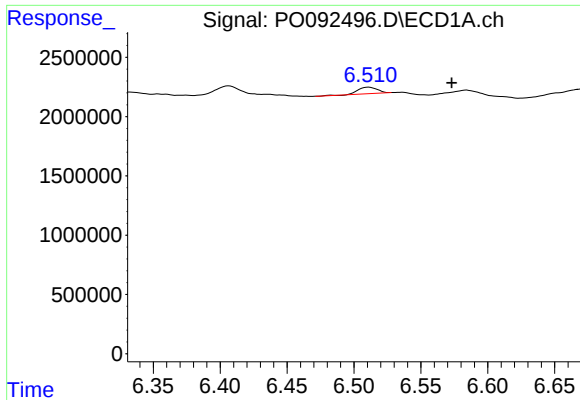
#24 AR-1248-4

R.T.: 6.511 min
Delta R.T.: -0.022 min
Response: 554577
Conc: 5.66 ng/ml



#24 AR-1248-4

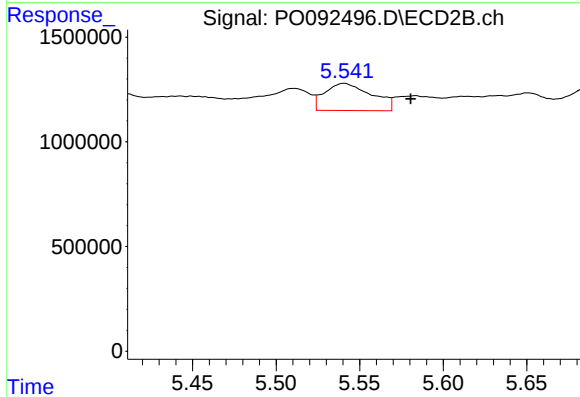
R.T.: 5.174 min
Delta R.T.: -0.012 min
Response: 539395
Conc: 10.04 ng/ml



#25 AR-1248-5

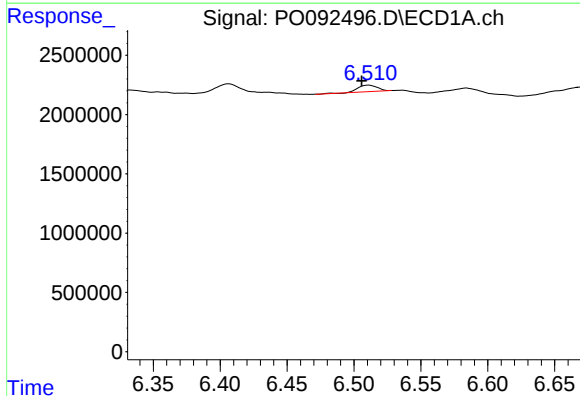
R.T.: 6.511 min
Delta R.T.: -0.062 min
Response: 554577
Conc: 5.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



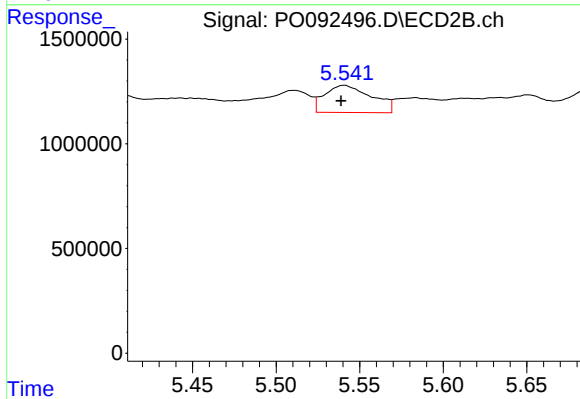
#25 AR-1248-5

R.T.: 5.541 min
Delta R.T.: -0.040 min
Response: 2544536
Conc: 53.75 ng/ml



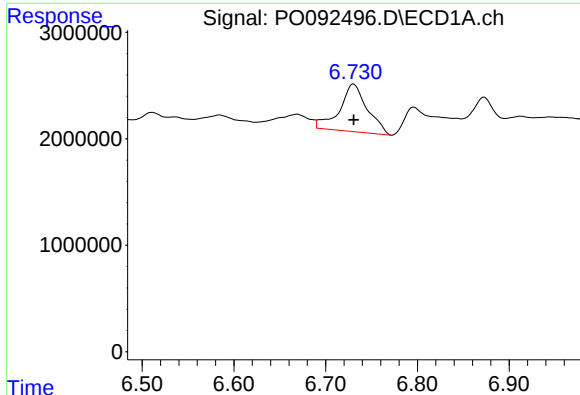
#26 AR-1254-1

R.T.: 6.511 min
Delta R.T.: 0.005 min
Response: 554577
Conc: 5.01 ng/ml



#26 AR-1254-1

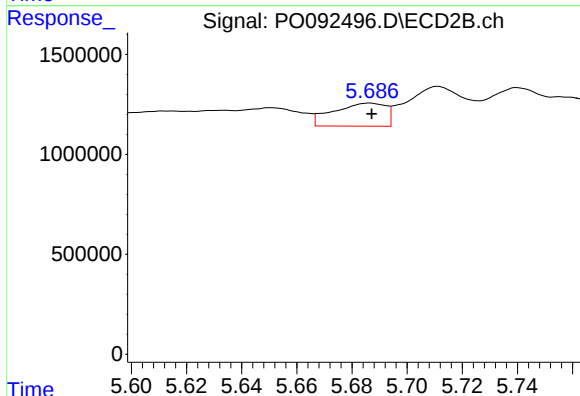
R.T.: 5.541 min
Delta R.T.: 0.002 min
Response: 2544536
Conc: 32.46 ng/ml



#27 AR-1254-2

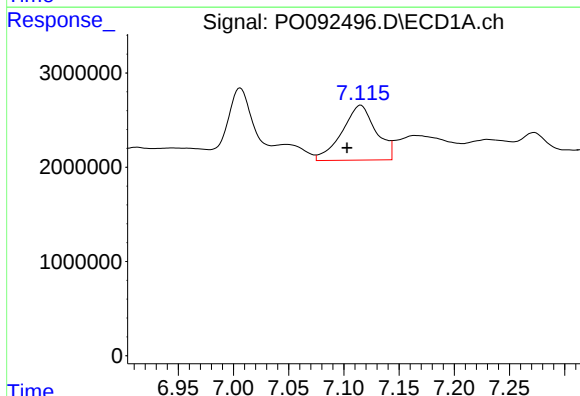
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 9412677
Conc: 57.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



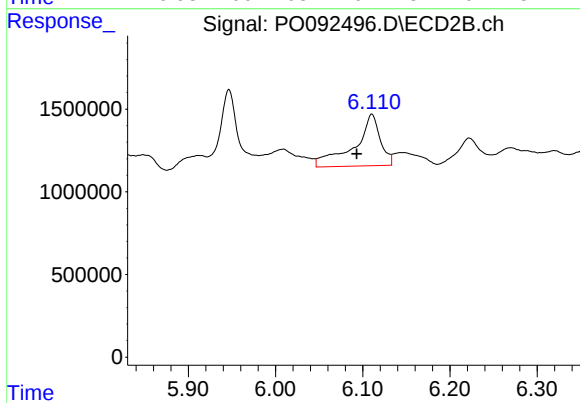
#27 AR-1254-2

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 1520816
Conc: 21.98 ng/ml



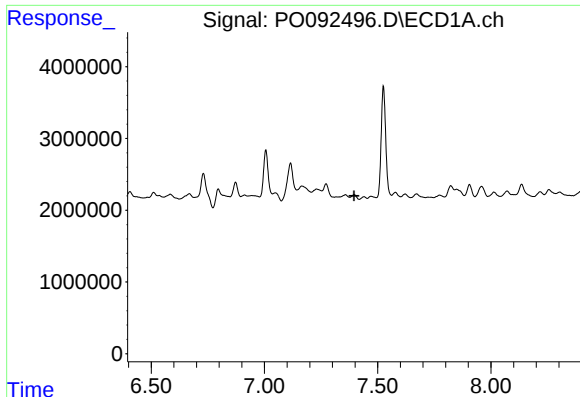
#28 AR-1254-3

R.T.: 7.115 min
Delta R.T.: 0.012 min
Response: 12486351
Conc: 75.71 ng/ml



#28 AR-1254-3

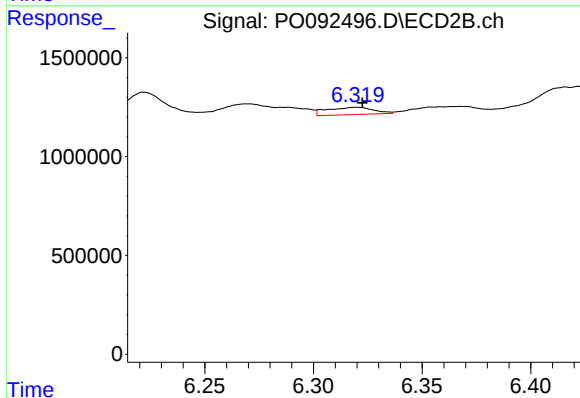
R.T.: 6.110 min
Delta R.T.: 0.017 min
Response: 6475264
Conc: 60.67 ng/ml



#29 AR-1254-4

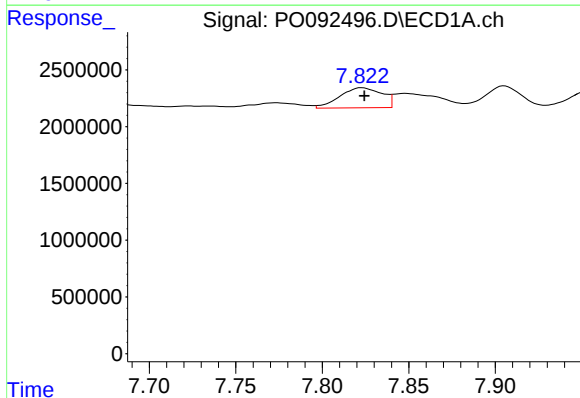
R.T.: 0.000 min
Exp R.T.: 7.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



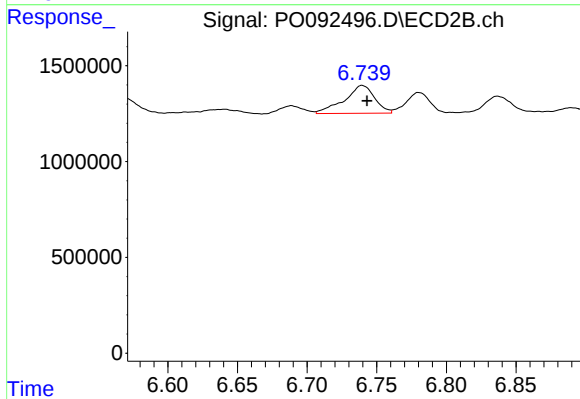
#29 AR-1254-4

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 549225
Conc: 9.33 ng/ml



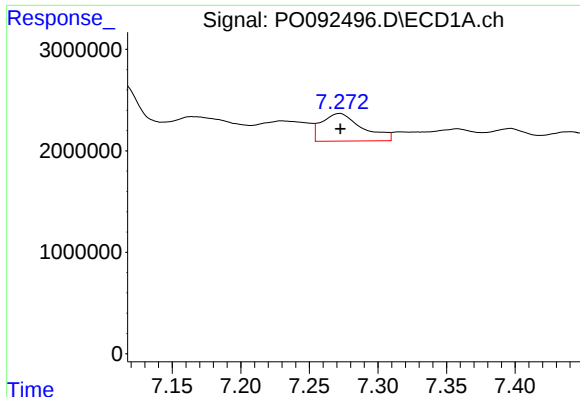
#30 AR-1254-5

R.T.: 7.823 min
Delta R.T.: -0.001 min
Response: 3006907
Conc: 21.37 ng/ml



#30 AR-1254-5

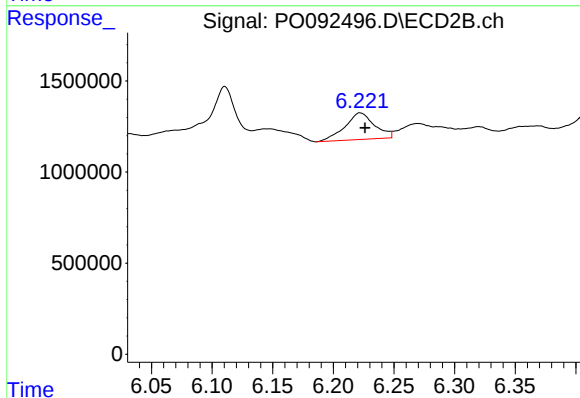
R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 2208489
Conc: 24.26 ng/ml



#31 AR-1260-1

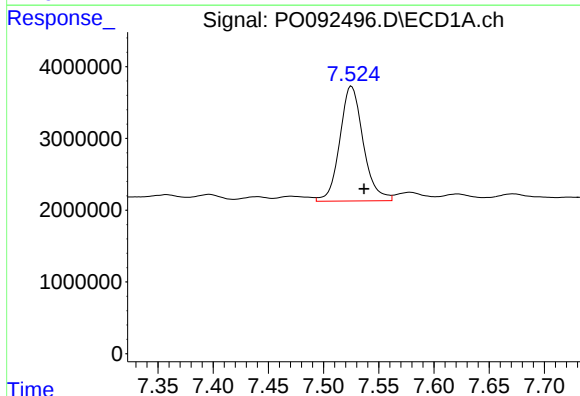
R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 5613455
Conc: 42.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



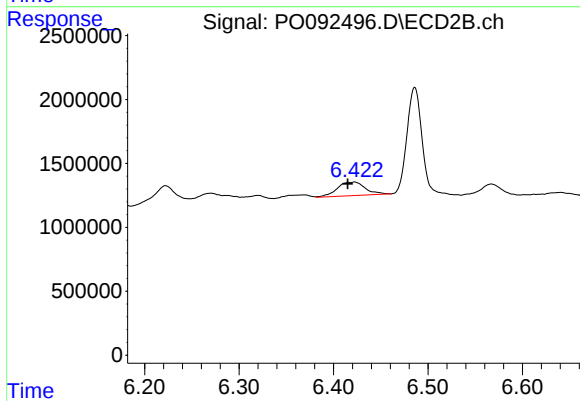
#31 AR-1260-1

R.T.: 6.222 min
Delta R.T.: -0.004 min
Response: 2484547
Conc: 32.89 ng/ml



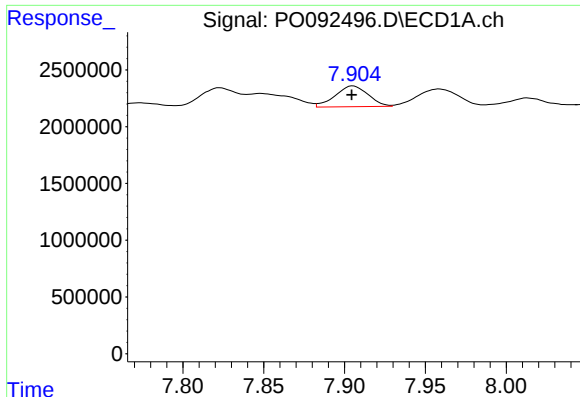
#32 AR-1260-2

R.T.: 7.525 min
Delta R.T.: -0.011 min
Response: 23661995
Conc: 159.57 ng/ml



#32 AR-1260-2

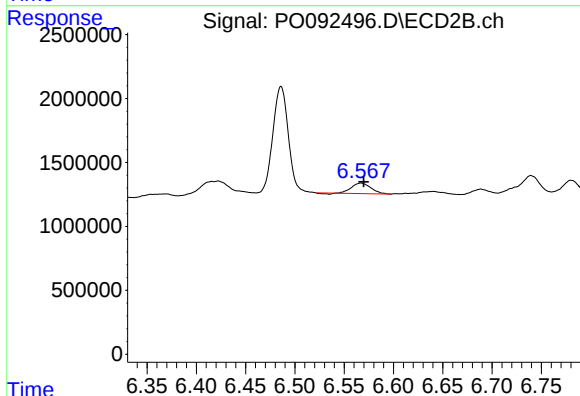
R.T.: 6.422 min
Delta R.T.: 0.007 min
Response: 2216397
Conc: 25.30 ng/ml



#33 AR-1260-3

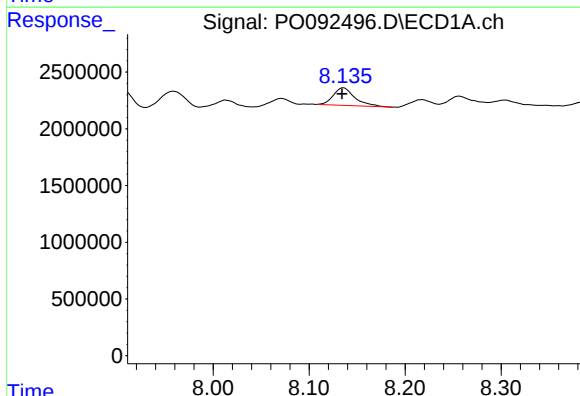
R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 2593613
Conc: 22.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



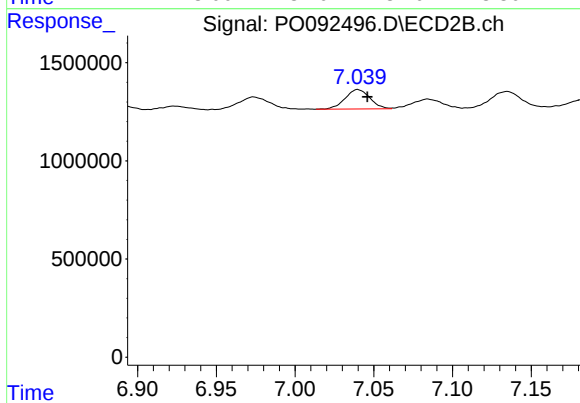
#33 AR-1260-3

R.T.: 6.567 min
Delta R.T.: -0.003 min
Response: 1087864
Conc: 12.55 ng/ml



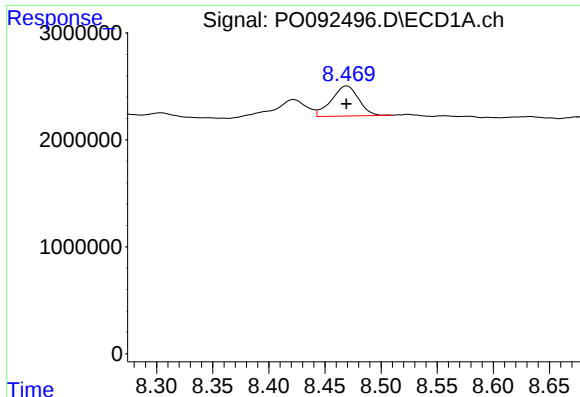
#34 AR-1260-4

R.T.: 8.136 min
Delta R.T.: 0.001 min
Response: 2425631
Conc: 19.57 ng/ml



#34 AR-1260-4

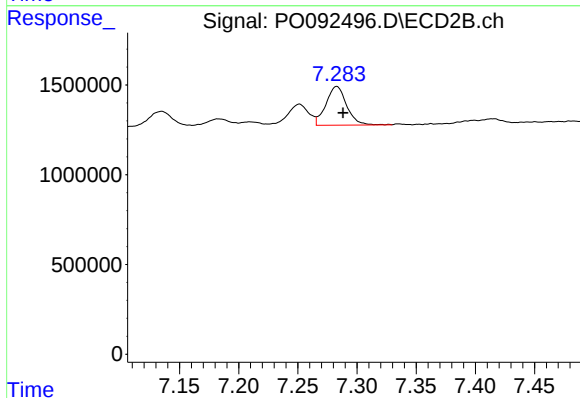
R.T.: 7.040 min
Delta R.T.: -0.006 min
Response: 1084583
Conc: 16.20 ng/ml



#35 AR-1260-5

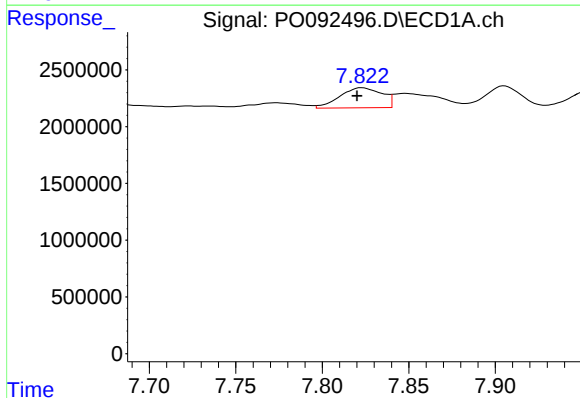
R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 4755251
Conc: 21.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



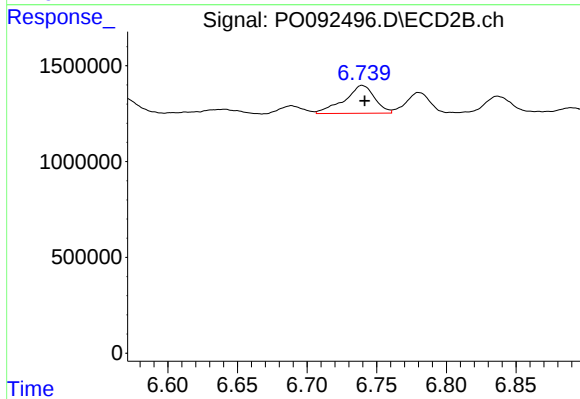
#35 AR-1260-5

R.T.: 7.283 min
Delta R.T.: -0.005 min
Response: 2634788
Conc: 18.52 ng/ml



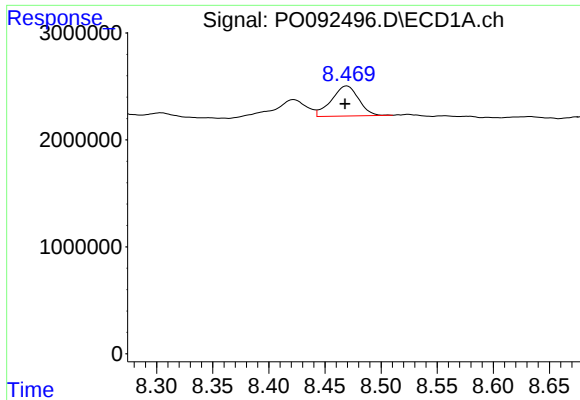
#36 AR-1262-1

R.T.: 7.823 min
Delta R.T.: 0.003 min
Response: 3006907
Conc: 27.83 ng/ml



#36 AR-1262-1

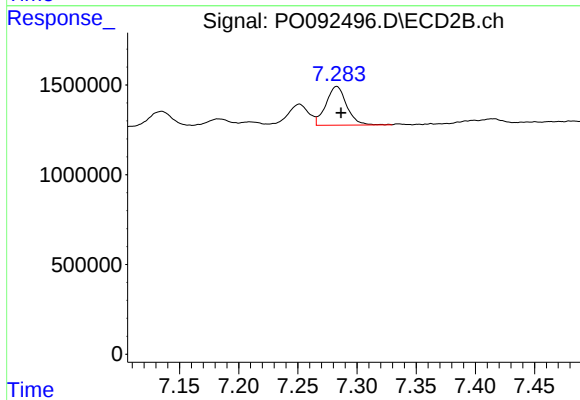
R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 2208489
Conc: 47.59 ng/ml



#37 AR-1262-2

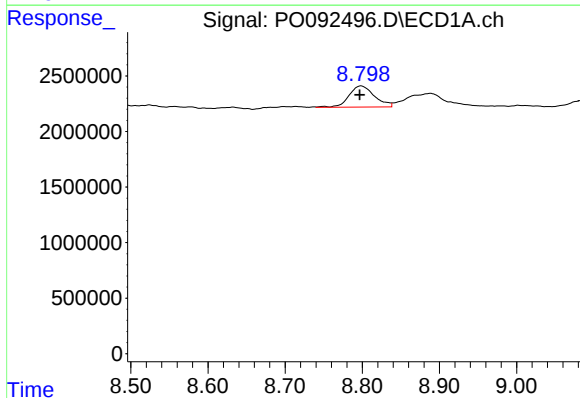
R.T.: 8.469 min
Delta R.T.: 0.002 min
Response: 4755251
Conc: 19.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



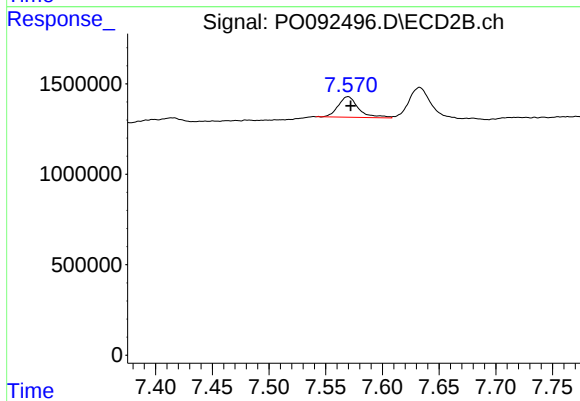
#37 AR-1262-2

R.T.: 7.283 min
Delta R.T.: -0.003 min
Response: 2634788
Conc: 17.86 ng/ml



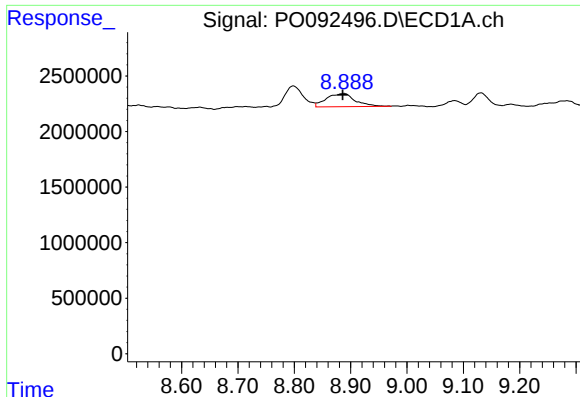
#38 AR-1262-3

R.T.: 8.798 min
Delta R.T.: 0.002 min
Response: 4350147
Conc: 25.73 ng/ml



#38 AR-1262-3

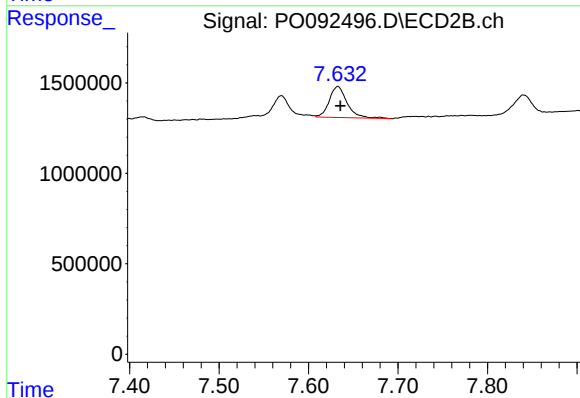
R.T.: 7.570 min
Delta R.T.: -0.002 min
Response: 1431135
Conc: 22.90 ng/ml



#39 AR-1262-4

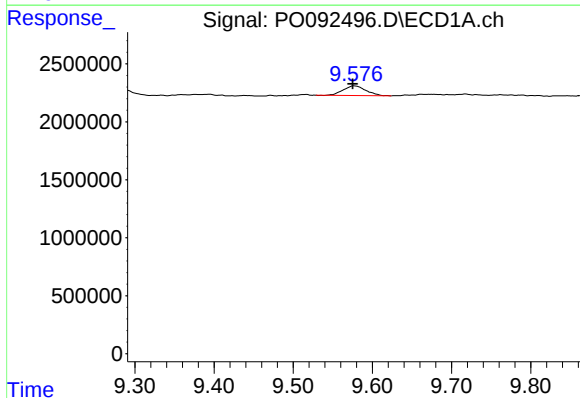
R.T.: 8.888 min
Delta R.T.: 0.002 min
Response: 4180179
Conc: 41.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



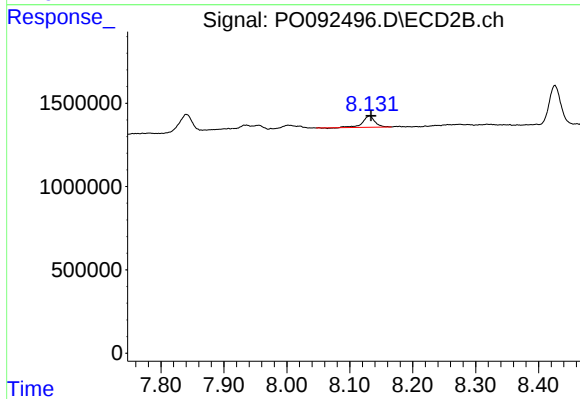
#39 AR-1262-4

R.T.: 7.633 min
Delta R.T.: -0.003 min
Response: 2387774
Conc: 21.79 ng/ml



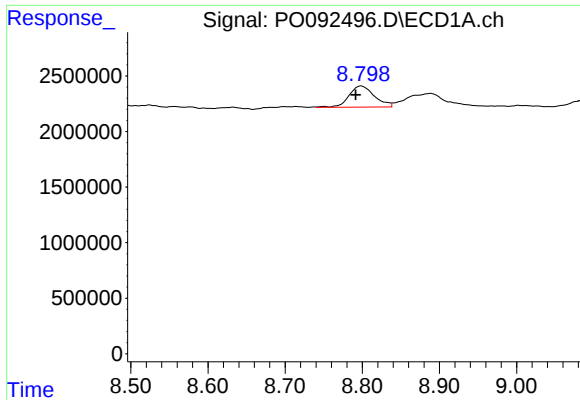
#40 AR-1262-5

R.T.: 9.577 min
Delta R.T.: 0.002 min
Response: 1667055
Conc: 18.64 ng/ml



#40 AR-1262-5

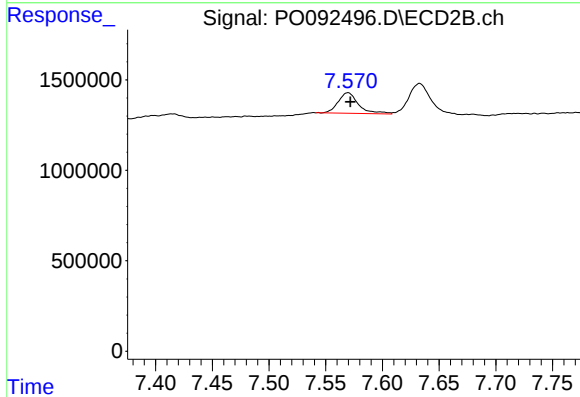
R.T.: 8.132 min
Delta R.T.: -0.003 min
Response: 906388
Conc: 17.59 ng/ml



#41 AR-1268-1

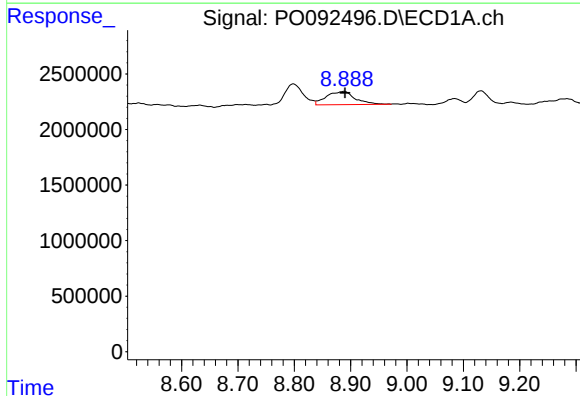
R.T.: 8.798 min
Delta R.T.: 0.007 min
Response: 4350147
Conc: 13.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



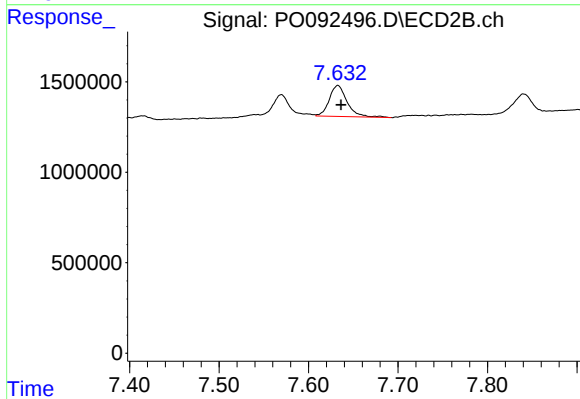
#41 AR-1268-1

R.T.: 7.570 min
Delta R.T.: -0.002 min
Response: 1431135
Conc: 7.87 ng/ml



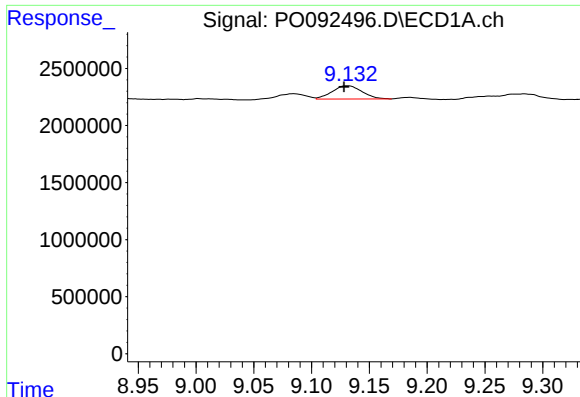
#42 AR-1268-2

R.T.: 8.888 min
Delta R.T.: -0.002 min
Response: 4180179
Conc: 13.85 ng/ml



#42 AR-1268-2

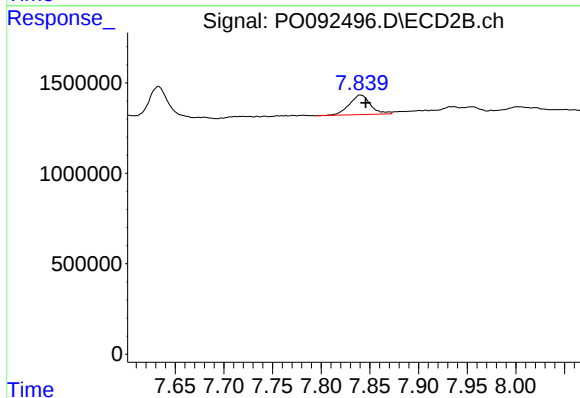
R.T.: 7.633 min
Delta R.T.: -0.004 min
Response: 2387774
Conc: 14.43 ng/ml



#43 AR-1268-3

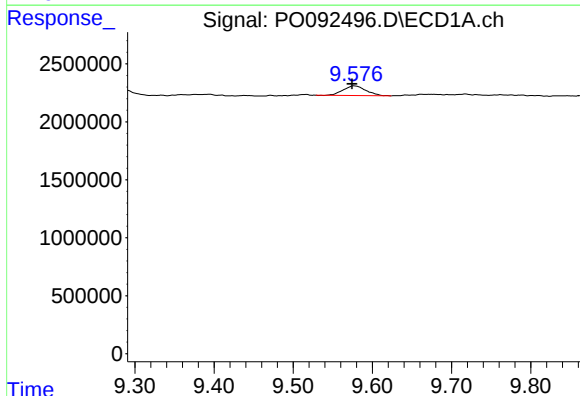
R.T.: 9.131 min
Delta R.T.: 0.003 min
Response: 2079917
Conc: 8.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



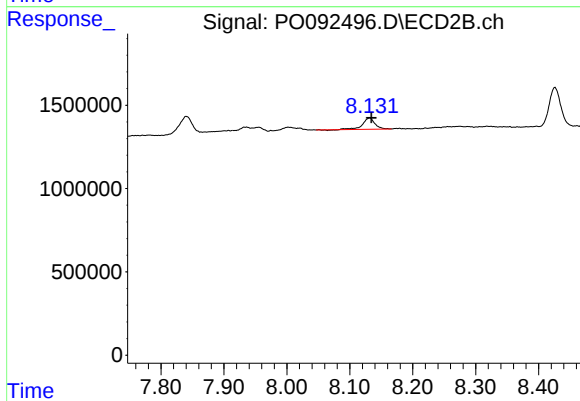
#43 AR-1268-3

R.T.: 7.840 min
Delta R.T.: -0.005 min
Response: 1647448
Conc: 11.09 ng/ml



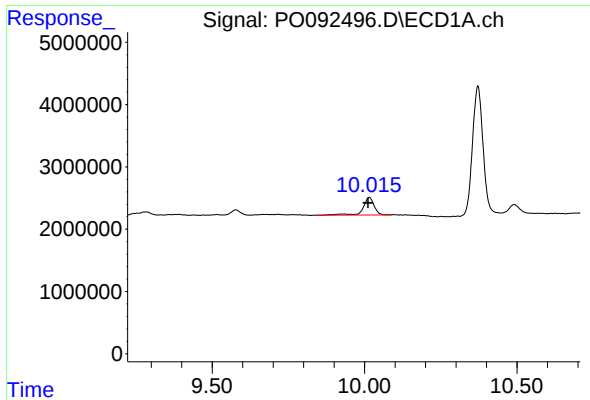
#44 AR-1268-4

R.T.: 9.577 min
Delta R.T.: 0.003 min
Response: 1667055
Conc: 15.95 ng/ml



#44 AR-1268-4

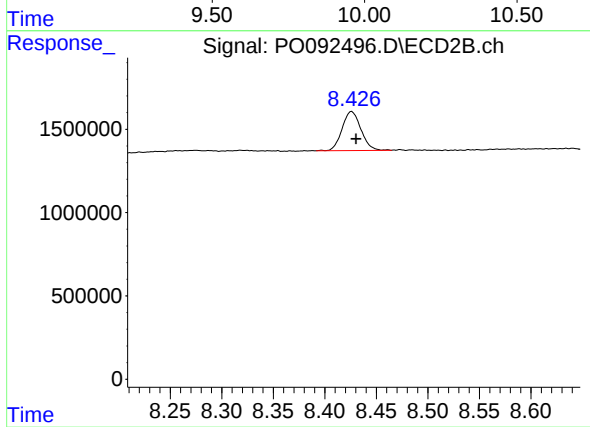
R.T.: 8.132 min
Delta R.T.: -0.003 min
Response: 906388
Conc: 14.44 ng/ml



#45 AR-1268-5

R.T.: 10.015 min
Delta R.T.: 0.004 min
Response: 7160353
Conc: 9.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.004 min
Response: 2980452
Conc: 7.04 ng/ml